

ATTACHMENT B
Amendment to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) An isolated antibody that can bind to the propeptide of the Int1p protein of *Candida albicans*, having the amino acid sequence of amino acids 1-263 of SEQ ID NO:1.
*the amino acid sequence of amino acids
said propeptide consisting of*
2. (Canceled).
3. (Currently amended) *An* The isolated antibody according to claim 1,
wherein said antibody is capable of preventing the cleaving of the propeptide.
4. (Currently amended) Isolated antisera containing *an* the antibody according to Claim 1.
5. (Withdrawn) A method of treating or preventing an infection by a microorganism expressing the Int1p protein comprising administering an effective amount of the antibody according to claim 1 to a human or animal patient.
6. (Withdrawn) A method according to claim 5 wherein the microorganism is selected from the group consisting of *Candida albicans* and *Saccharomyces cerevisiae*.
7. (Withdrawn) A method according to claim 5 wherein the antibody is raised to a portion of the propeptide of Int1p effective to generate an immune response.
8. (Withdrawn) A method for treating patients exposed to *Candida albicans* in the presence of heparin, the method comprising:

administering the antibody according to claim 1 to a human or animal patient in an amount effective to bind with the heparin and to reduce or eliminate the activation of the Int1p protein.

9. (Currently amended) A pharmaceutical composition for treating or preventing an infection from a microorganism expressing the Int1p protein comprising an effective amount of ~~an~~^{the} isolated antibody according to claim 1 and a physiologically acceptable carrier, vehicle or diluent.

10. (Canceled).

11. (Currently amended) A diagnostic kit comprising ~~an~~^{the} antibody according to claim 1 and means for detecting binding by that antibody.

12. (Canceled).

13. (Canceled).

14. (Currently amended) An isolated antibody according to claim 12¹ wherein said antibody is capable of preventing the cleaving of the propeptide. *-235-2*

15. (Canceled).

16. (Withdrawn) A method of treating or preventing an infection by a microorganism expressing the Int1p protein comprising administering an effective amount of the antibody according to claim 12 to a human or animal patient.

17. (Canceled).

18. (Withdrawn) An isolated peptide selected from the group consisting of the propeptide region at amino acids 1-263, the Catalytic domain 1 at amino acids 435-639,

the Catalytic domain 2 at amino acids 738-949, and the Processing domain motif at amino acids 1022-1236 of the amino acid sequence depicted in Fig. 1.

19. (Withdrawn) A method of generating an antibody comprising introducing a peptide according to claim 18 in a host capable of generating antibodies thereto.

20. (Withdrawn) An isolated nucleic acid sequence coding for the peptide according to claim 18.

21. (Withdrawn) A method of inducing an immunological response comprising administering to a patient a peptide according to claim 18.

22. (Withdrawn) A vaccine comprising a peptide according to claim 18 in an amount effective to generate an immunological response.

23. (Currently amended) The~~An~~ isolated antibody according to claim 1
wherein said antibody is a monoclonal antibody raised against the peptide of claim 18.

24. (Withdrawn) A method of diagnosing an infection by a microorganism capable of expressing an Int1p protein comprising introducing an antibody according to claim 12 into a sample suspected of having an infection by an Int1p-producing microorganism and determining the binding of said antibody to said sample.

25. (Withdrawn) A method according to claim 24 wherein the microorganism is selected from the group consisting of *Candida albicans* and *Saccharomyces cerevisiae*.

26. (Withdrawn) A method of treating or preventing infections caused by microorganisms expressing the Int1p protein comprising administering an effective amount of an agent that inhibits Int1p activity.

27. (Withdrawn) A method according to claim 26 wherein the agent modulates a peptide region or motif from the Int1p protein which is involved in the pathway of activation for the Int1p protein.

28. (Withdrawn) A method according to claim 26 wherein the agent modulates a peptide selected from the group consisting of the propeptide region at amino acids 1-263, the Catalytic domain 1 at amino acids 435-639, the Catalytic domain 2 at amino acids 738-949, and the Processing domain motif at amino acids 1022-1236 of the amino acid sequence depicted in Fig. 1.

29. (Withdrawn) A method according to claim 26 wherein the microorganism is a yeast of the *Candida* species.

30. (Withdrawn) A method according to claim 26 wherein the microorganism is selected from the group consisting of *Candida albicans* and *Saccharomyces cerevisiae*.
